



CISCO-3096 (032590-000118)

THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Purnam Sheth et al.
SERIAL NO.: 09/712,005
FILED: November 13, 2000
TITLE: PPP/L2TP Domain Name Preauthorization
EXAMINER: Quang N. Nguyen (Tel. No.: (571) 272-3886)
(Fax No.: (703) 872-9306)
ART UNIT: 2141

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP: RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date printed below:

Date:

8/2/2005

Name:

Beatrice Orozco
Beatrice Orozco

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COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached (unless the blanket waiver referred to below applies), may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§ 1.56, 1.97 and 1.98. The Examiner is requested to review, consider and document each such item in the official record of this application.

Note: If this box ☐ is checked, this case was filed after June 30, 2003 and qualifies for the blanket waiver of deposit of copies of U.S. Patents and U.S. Patent Application Publications in accordance with the written waiver of 37 CFR §1.98 (a)(2)(i) dated July 11, 2003. Accordingly, such copies are not attached.

This Information Disclosure Statement under 37 CFR §§ 1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

I

This statement is filed pursuant to (**CHECK ONE BOX**):



37 C.F.R. § 1.97(b).

This information disclosure statement is filed either:

- (1) within three months of the filing date of a national application other than a continued prosecution application under §1.53(d);
- (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
- (3) before the mailing date of a first office action on the merits; or
- (4) before the mailing of a first office action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114, **whichever event occurs last.**

Accordingly, this information disclosure statement requires no fee and no certification.



37 C.F.R. § 1.97(c).

This information disclosure statement is filed **after** the period specified in 37 C.F.R. § 1.97(b), but **before** the mailing date of any of the following:

- (1) a final action under 37 C.F.R. § 1.113;
- (2) a notice of allowance under 37 C.F.R. § 1.311; or
- (3) an action that otherwise closes prosecution in the application.

Accordingly, this information disclosure statement requires either:

- (1) the fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c); or
- (2) a certification according to 37 C.F.R. § 1.97 (e)(1) or (2).



37 C.F.R. § 1.97(d).

This information disclosure statement is filed **after** the period specified in 37 C.F.R. § 1.97 (c).

Accordingly, this information disclosure statement requires:

- (1) a certification in accordance with 37 C.F.R. § 1.97(e); **and**
- (2) the fee specified in 37 C.F.R. § 1.17 (p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d).

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. § 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. **To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.**

II

Fees Due (**CHECK ONE BOX**):

- ☒ No fee is due.
- ☐ The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) or 37 C.F.R. § 1.97(d) is enclosed (\$180).

III

Certification (**CHECK ONE BOX**):

- ☒ No certification is necessary.
- ☐ Pursuant to 37 C.F.R. § 1.97(e)(1), the undersigned hereby certifies:
That each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- ☐ Pursuant to 37 C.F.R. § 1.97(e)(2), the undersigned hereby certifies:
No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this information disclosure statement.

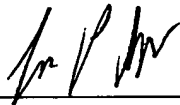
IV

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Please charge any additional required fee or credit any overpayment to our deposit account number 50-1698.

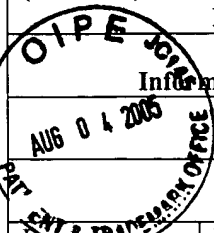
Respectfully submitted,
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Dated: August 2, 2005



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Form PTO 1449 (Rev. 2-32)				U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. CISCO-3096		Serial No. 09/712,005	
						Applicant: Purnam Sheth et al.			
						Filed: November 13, 2000		Group: 2141	
Information Disclosure Statement by Applicant (Use several sheets if necessary)									
U.S. Patent Documents									
Init.		Document No.	Date	Name	Class	Subclass	Filing Date		
	A	4,896,319	1/23/1990	Lidinsky et al.					
	B	4,995,074	2/19/1991	Goldman et al.					
	C	5,115,427	5/19/1992	Johnson, Jr. et al.					
	D	5,239,537	8/24/1993	Sakauchi					
	E	5,406,643	4/11/1995	Burke et al.					
	F	5,461,624	10/24/1995	Mazzola					
	G	5,510,777	4/23/1996	Pilc et al.					
	H	5,539,884	7/23/1996	Robrock, II					
	I	5,588,003	12/24/1996	Ohba et al.					
	J	5,617,417	4/1/1997	Sathe et al.					
	K	5,649,108	7/15/1997	Spiegel et al.					
	L	5,673,265	9/30/1997	Gupta et al.					
	M	5,740,171	4/14/1998	Mazzola et al.					
	N	5,740,176	4/14/1998	Gupta et al.					
	O	5,742,604	4/21/1998	Edsall et al.					
	P	5,764,636	6/9/1998	Edsall					
	Q	5,796,732	8/18/1998	Mazzola et al.					
	R	5,949,755	9/7/1999	Uphadya et al.					
	S	5,999,514	12/7/1999	Kato					
	T	5,999,518	12/7/1999	Nattkemper					
Foreign Documents									
								Translation	
Init.		Document No.	Date	Country	Class	Subclass	Yes	No	
	U	99/23852	5/14/1999	WO			X		
Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)									
	V	David Allan, "Semi Permanent PPP Connections (sP ⁴)", Nortel Networks, pp. 1-7, February 8-11, 2000.							
	W	Christoph L. Schuba et al., "Countering Abuse of Name-Based Authentication", COAST Laboratory, Department of Computer Sciences, Purdue University, date unknown, 21 pages.							
	X	David R. Safford et al., "Secure RPC Authentication (SRA) for TELNET and FTP", USENIX Association, 1993.							
	Y	Xu et al., "Design and Evaluation of a High-Performance ATM Firewall Switch and its Applications", IEEE Journal on Selected Areas in Communications, Vol. 17, No. 6, pp. 1190-1200, June 1999.							
Examiner					Date Considered				
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.									

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U.S. Patent Documents									
Init.		Document No.	Date	Name	Class	Subclass	Filing Date		
	Z	6,023,474	2/8/2000	Gardner et al.					
	AA	6,061,650	5/9/2000	Malkin et al.					
	AB	6,069,895	5/30/2000	Ayandeh					
	AC	6,078,957	6/20/2000	Adelman et al.					
	AD	6,081,508	6/27/2000	West et al.					
	AE	6,081,518	6/27/2000	Bowman-Amuah					
	AF	6,084,892	7/4/2000	Benash et al.					
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	AK	6,236,655	5/22/2001	Caldara et al.					
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	AQ	6,412,003	6/25/2002	Melen					
	AR	6,415,313	7/2/2002	Yamada et al.					
	AS	6,430,152	8/6/2002	Jones et al.					
Foreign Documents									
								Translation	
Init.		Document No.	Date	Country	Class	Subclass	Yes	No	
Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)									
Examiner					Date Considered				
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U.S. Patent Documents								
Init.		Document No.	Date	Name	Class	Subclass	Filing Date	
	AT	6,434,156	8/13/2002	Yeh				
	AU	6,438,612	8/20/2002	Ylonen et al.				
	AV	6,446,200	9/3/2002	Ball et al.				
	AW	6,456,623	9/24/2002	Kobayasi et al.				
	AX	6,463,475	10/5/2002	Calhoun				
	AY	6,498,845	12/24/2002	Martz et al.				
	AZ	6,507,577	1/14/2003	Mauger et al.				
	BA	6,519,254	2/11/2003	Chuah et al.				
	BB	6,522,627	2/18/2003	Mauger				
	BC	6,526,033	2/25/2003	Wang et al.				
	BD	6,597,689	7/22/2003	Chiu et al.				
	BE	6,609,153	8/19/2003	Salkewicz				
	BF	6,614,809	9/2/2003	Verma et al.				
	BG	6,615,358	9/2/2003	Dowd et al.				
	BH	6,651,096	11/18/2003	Gai et al.				
	BI	6,665,305	12/16/2003	Weismann				
	BJ	6,665,273	12/16/2003	Goguen et al.				
	BK	6,717,944	4/6/2004	Bryden et al.				
	BL	6,741,599	5/25/2004	Dunn et al.				
	BM	6,785,228	8/31/2004	Vandette et al.				
Foreign Documents								
							Translation	
Init.		Document No.	Date	Country	Class	Subclass	Yes	No
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